**Index of Claims** 



Application/Control No.

10/620,507

Examiner

Kimberly E. Glenn

Applicant(s)/Patent under Reexamination

MCCARTHY ET AL.

Art Unit

2817

| <b>√</b> | Rejected |
|----------|----------|
| _        | Allowed  |

| _ | (Through numeral)<br>Cancelled |  |  |  |  |  |  |
|---|--------------------------------|--|--|--|--|--|--|
| ÷ | Restricted                     |  |  |  |  |  |  |

| N | Non-Elected  |
|---|--------------|
| i | interference |

| A | Appeal   |
|---|----------|
| 0 | Objected |

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| Cla      | im               | Date         |              |                                     |          |              |              |                |              |                |  |
| Cic      | \$1111           | Date         |              |                                     |          |              |              |                |              |                |  |
| Final    | Original         | 4/13/06      |              |                                     |          |              |              |                |              |                |  |
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|          | 7                | ✓            | <u></u>      | ļ.,                                 |          |              |              |                |              |                |  |
|          | 8                | =            | _            | L.                                  |          |              |              |                |              | Щ              |  |
|          | 9                | =            |              | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ |          |              |              | _              |              | Щ              |  |
|          | 10               | =            |              |                                     | L.       |              |              |                |              |                |  |
|          | 11               | Ξ            |              | Ш                                   |          |              |              | _              |              |                |  |
|          | 12               | =            |              | $\Box$                              | L.,      | L            |              |                |              |                |  |
|          | 13               | =            |              |                                     |          |              |              |                |              |                |  |
|          | 14               | =            |              |                                     |          |              |              |                |              |                |  |
|          | 15               | =            |              |                                     |          |              |              |                |              |                |  |
|          | 16               | =            |              |                                     |          |              |              |                |              |                |  |
|          | 17               | =            |              |                                     |          |              |              |                |              |                |  |
|          | 18               | T            | _            |                                     |          |              |              |                |              |                |  |
|          | 18<br>19         | T            | _            | Т                                   |          |              |              |                |              | П              |  |
|          | 20               | <b>-</b>     | _            |                                     |          | Г            |              |                |              | П              |  |
|          | 21               | -            | $\vdash$     | $\vdash$                            | _        | _            | $\vdash$     | _              |              | Н              |  |
|          | 22               | <del> </del> | $\vdash$     | $\vdash$                            | $\vdash$ | $\vdash$     | -            |                |              | Н              |  |
|          | 23               | H            | $\vdash$     | $\vdash$                            | $\vdash$ | H            | H            |                | _            | Н              |  |
|          | 24               | $\vdash$     | $\vdash$     | H                                   | $\vdash$ |              | Н            | -              | _            | Н              |  |
|          | 25               | $\vdash$     | $\vdash$     | $\vdash$                            | $\vdash$ | H            |              | _              | -            | Н              |  |
|          | 26               | -            | $\vdash$     | ┢─                                  | <u> </u> |              | H            |                |              | Н              |  |
|          | 27               | -            | $\vdash$     | -                                   | $\vdash$ | Н            | Н            |                | _            | Н              |  |
|          | 28               | $\vdash$     | $\vdash$     | $\vdash$                            | _        | $\vdash$     | H            |                | <del> </del> | Н              |  |
|          | .29              | $\vdash$     | _            | -                                   | $\vdash$ | H            | -            | -              |              | Н              |  |
|          | 30               | ⊢            |              | $\vdash$                            |          | -            |              |                | _            | Н              |  |
| ļ        | 31               |              | <u> </u>     | $\vdash$                            |          | -            |              |                | <del> </del> | Н              |  |
| -        | 32               |              |              | <del>  -</del>                      | <u> </u> |              | $\vdash$     | $\vdash$       | $\vdash$     | $\vdash$       |  |
| <b></b>  | 22               | $\vdash$     | $\vdash$     | $\vdash$                            | ├        | ├            | ├            |                | ├            | Н              |  |
|          | 33               | $\vdash$     | _            | $\vdash$                            | _        | $\vdash$     | $\vdash$     | $\vdash$       |              | Н              |  |
|          | 34<br>35         | $\vdash$     | $\vdash$     |                                     | $\vdash$ | $\vdash$     | ├-           | $\vdash$       | <del> </del> | Н              |  |
|          | 35               | $\vdash$     | <u> </u>     |                                     | $\vdash$ | <del> </del> | ├            | $\vdash$       | $\vdash$     | Н              |  |
|          | 36               | _            | <u> </u>     | $\vdash$                            | <u> </u> |              | <del> </del> | <del> </del>   | ├—           | Н              |  |
| ļ        | 37               | $\vdash$     | <u> </u>     | $\vdash$                            | <u> </u> | $\vdash$     | <u> </u>     | <u> </u>       | <u> </u>     | Н              |  |
| <u> </u> | 38               | $\vdash$     | <u> </u>     | $\vdash$                            | <u> </u> | $\vdash$     | <del> </del> | $\vdash$       | <u> </u>     | Н              |  |
| <u> </u> | 39               | $\vdash$     | <u> </u>     | $\vdash$                            | <u> </u> | <u> </u>     | <u> </u>     | $\vdash$       | $\vdash$     | Н              |  |
| <u> </u> | 40               | <u> </u>     | <del> </del> | -                                   | <u> </u> | ├            | -            | <del>  -</del> | ├            | Н              |  |
| <u> </u> | 41               | ⊢-           | $\vdash$     | -                                   | <u> </u> | $\vdash$     | -            | -              | <u> </u>     | Н              |  |
| <u> </u> | 42               | ⊢            | $\vdash$     | _                                   | <b> </b> | <u> </u>     | <u>—</u>     | ⊢              | $\vdash$     | Н              |  |
| <u> </u> | 43               | <u> </u>     | <u> </u>     | H                                   | <u> </u> | _            | $\vdash$     | <u> </u>       | $\vdash$     | Н              |  |
|          | 44               | ⊢            | <u> </u>     |                                     | ļ        | <b>—</b>     | <u> </u>     | <u> </u>       | ├_           | Ш              |  |
| <u> </u> | 45               | <b>-</b>     | <u> </u>     | <u> </u>                            | <u> </u> | -            | <u> </u>     | <u> </u>       | <b> </b>     | Ш              |  |
| <u> </u> | 46               | <u> </u>     | <u> </u>     | _                                   | L        | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>     | Ш              |  |
|          | 47               | <u> </u>     | <u> </u>     | ļ                                   | <u> </u> | _            | <u> </u>     | <u> </u>       | <u> </u>     | $\sqcup$       |  |
| ļ        | 48               | ⊢            | <u> </u>     | <u> </u>                            | <u> </u> | <u> </u>     | <u> </u>     | <u> </u>       | <u> </u>     | Ш              |  |
| L        | 49               | $\vdash$     | <u> </u>     | _                                   |          | <u> </u>     | ├_           | <u> </u>       | <u> </u>     | Ш              |  |
|          |                  |              |              |                                     |          |              |              |                |              |                |  |

| Cla          | im             | Date         |          |              |          |              |                   |          |          |          |  |
|--------------|----------------|--------------|----------|--------------|----------|--------------|-------------------|----------|----------|----------|--|
| Final        | Original       |              |          |              |          |              |                   |          |          |          |  |
|              | 51<br>52<br>53 |              |          |              |          |              |                   |          |          |          |  |
|              | 52             |              |          |              |          | _            |                   |          |          |          |  |
|              | 53             |              |          |              |          |              |                   |          |          |          |  |
|              | 54             |              |          |              |          | -            |                   |          |          |          |  |
|              | 55             |              |          |              |          |              | -                 |          |          |          |  |
|              | 56             |              |          |              |          |              |                   |          |          |          |  |
|              | 57             |              |          |              |          |              |                   |          |          |          |  |
| 1.           | 58             |              |          |              |          |              |                   |          | _        |          |  |
|              | 59             | П            |          |              |          |              |                   |          |          |          |  |
|              | 60             | Ħ            |          | $\vdash$     |          |              |                   |          |          |          |  |
|              | 61             |              |          |              |          |              |                   |          |          |          |  |
|              | 62             | _            | _        |              |          |              |                   | _        | -        |          |  |
|              | 62<br>63       | -            |          |              |          |              |                   | _        |          | _        |  |
|              | 64             |              |          |              |          |              |                   | -        | _        | -        |  |
| <b>—</b>     | 65             |              |          | Н            | _        |              |                   |          |          |          |  |
|              | 66             | Н            |          | Н            | _        |              | _                 |          | -        |          |  |
| -            | 67             | $\vdash$     |          | -            | _        | $\vdash$     | -                 |          | -        |          |  |
| <b></b>      | 68             |              |          | H            | -        |              | _                 |          | _        |          |  |
| <del> </del> | 69             |              |          | _            | _        |              |                   |          |          | -        |  |
|              | 70             |              |          | ┝            | _        | <del> </del> |                   | -        | $\vdash$ | <u> </u> |  |
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|              | 71<br>72       |              |          | <u> </u>     |          | $\vdash$     |                   | <u> </u> | _        |          |  |
| <b> </b>     | 72             |              |          | ┝            | _        | Н            |                   | _        | -        | _        |  |
| -            | 73<br>74       | $\vdash$     | _        | <u> </u>     |          | H            |                   | _        | Ŀ        | _        |  |
|              | 75             | $\vdash$     | _        | <u> </u>     |          | H            |                   |          | $\vdash$ | _        |  |
| -            | 75             | _            |          |              |          | <del> </del> |                   |          | $\vdash$ | -        |  |
|              | 76<br>77       | $\vdash$     |          | <del> </del> | _        | $\vdash$     |                   |          | -        | -        |  |
|              | 78             | H            | _        | -            |          | <u> </u>     |                   |          | -        |          |  |
| -            | 78             |              |          | <u> </u>     |          |              |                   |          | -        | -        |  |
|              | 79             |              |          | <u> </u>     | -        | _            |                   |          | H        | ┝        |  |
| -            | 80             | H            | _        | <u> </u>     | _        | ┞            | _                 |          | ├        | <u> </u> |  |
|              | 81             |              |          | _            |          | <u> </u>     | <u> </u>          |          | <u> </u> | $\vdash$ |  |
| -            | 82             |              |          |              |          |              | <u> </u>          |          | _        | _        |  |
|              | 83             |              |          | L            | _        | <u> </u>     | _                 | _        | _        |          |  |
| <u> </u>     | 84             | L            | _        | <u> </u>     | _        |              | <u> </u>          | _        | _        | <u> </u> |  |
|              | 85             | $\vdash$     |          |              |          | _            | _                 | <u> </u> | _        | <u> </u> |  |
| <u> </u>     | 86             | $\vdash$     |          | <u> </u>     | L        |              | <u> </u>          | <u> </u> | <u> </u> | ļ        |  |
| <u> </u>     | 87             | _            |          |              |          |              |                   |          |          | <u> </u> |  |
| <u> </u>     | 88             |              |          | _            | <u> </u> |              |                   | L.,      |          | <u> </u> |  |
|              | 89             | L_           | $\vdash$ | _            | $\vdash$ | _            | <u> </u>          | <u> </u> | <u> </u> | <u> </u> |  |
| <u> </u>     | 90             |              |          | L            | <u> </u> | ļ            | <u> </u>          | _        | L        |          |  |
| ļ            | 91             | <b> </b>     | <u> </u> | <u> </u>     | <u> </u> | ├            | $\vdash$          | <u> </u> | ⊢        | <u> </u> |  |
| <u> </u>     | 92             | <u> </u>     | ļ        | <u> </u>     | <u> </u> | <del> </del> | <u> </u>          |          | <u> </u> | <u> </u> |  |
| L            | 93             | $\vdash$     | !        | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>          | <u> </u> | ldash    | <u> </u> |  |
|              | 94             | L-           | Щ.       | <u> </u>     | <u> </u> | <u> </u>     | <u> </u>          | <u> </u> | <u> </u> | <u> </u> |  |
| <u> </u>     | 95             | $\vdash$     |          |              | <u> </u> | <u> </u>     | <u> </u>          |          | Ь        | <u> </u> |  |
| <u> </u>     | 96             | L.           |          | _            | <u> </u> | <u> </u>     | <u> </u>          |          | <u> </u> | ļ        |  |
| <u></u>      | 97             | <u> </u>     | Ш.       | _            |          | L_           | $ldsymbol{f eta}$ | _        | <u> </u> | <u> </u> |  |
| <u> </u>     | 98             |              |          |              | L.       | Ь.           | <u> </u>          | <u> </u> | <u> </u> | L        |  |
| L            | 99             | $oxed{oxed}$ |          | <u> </u>     | oxdot    | <u> </u>     | <u> </u>          | ļ        |          |          |  |
|              | 100            |              |          |              | L        |              | L_                | <u> </u> |          |          |  |

| Cla          | aim                             |              |              |  |          | Date     | =        |   |          | $\neg$          |
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| Final        | Original                        |              |              |  |          |          |          |   |          |                 |
| ᆵ            | Orig                            |              |              |  |          |          |          |   |          |                 |
|              |                                 |              |              |  |          |          |          |   |          |                 |
|              | 101<br>102<br>103               |              |              |  |          |          |          |   |          |                 |
|              | 102                             |              |              |  |          |          |          |   |          |                 |
|              | 103                             |              |              |  |          |          |          |   |          |                 |
|              | 104<br>105                      |              |              |  | L        | L        |          |   |          | $\Box$          |
|              | 105                             |              |              |  |          |          |          |   |          |                 |
|              | 106                             |              |              |  |          |          |          |   |          |                 |
|              | 107<br>108                      |              |              |  |          |          |          |   |          | $\Box$          |
|              | 108                             |              |              |  |          |          |          |   |          | _               |
|              | 109<br>110                      |              |              |  |          |          |          |   |          |                 |
|              | 110                             |              |              |  |          |          | _        |   |          | Ш               |
|              | 111                             |              |              |  |          |          | _        |   |          | Щ               |
|              | 112                             |              |              | Щ  | <u> </u> | Щ        | Щ        |   |          | Ш               |
|              | 112<br>113<br>114               |              |              | L  |          |          |          |   |          | Щ               |
|              | 114                             |              |              |  |          |          |          |   |          |                 |
|              | 115<br>116                      |              | Ŀ            | <u> </u>   | oxdot    | L.       | L        | _   | L        |                 |
|              | 116                             |              |              |  |          |          |          |   |          |                 |
|              | 117                             |              |              | _  | L.       |          |          |   |          |                 |
|              | 118<br>119                      |              |              | L  | L        | _        | L        | $ldsymbol{ld}}}}}}$ | Ш        |                 |
|              | 119                             |              | 1            | L  | _        |          | L        | L_  |          |                 |
|              | 120<br>121<br>122               |              |              |  |          |          |          |   |          | Ц               |
|              | 121                             |              |              | _  | _        | _        |          | ļ   |          |                 |
|              | 122                             |              |              | <u> </u>   | <u> </u> | L        | <u> </u> |   |          |                 |
|              | 123<br>124<br>125               |              | _            | $ldsymbol{ld}}}}}}$ | _        | L        | <u> </u> |   |          |                 |
|              | 124                             |              |              |  | L_       |          |          |   |          | _               |
|              | 125                             |              |              | <u> </u>   | <u> </u> | _        |          |   |          | Ш               |
| <u> </u>     | 126<br>127<br>128<br>129<br>130 |              | <u> </u>     | _  | <u> </u> | <u> </u> |          | _   |          |                 |
|              | 127                             |              |              | _  | _        |          |          |   |          | $\blacksquare$  |
|              | 128                             | _            | _            | <u> </u>   | _        | _        | <u> </u> | _   | _        | Н               |
| L            | 129                             |              |              | <u> </u>   | ļ        | _        |          | <u> </u>  | _        |                 |
| L            | 130                             | _            | _            | <u> </u>   |          |          | <u> </u> |   |          | Н               |
|              | 131<br>132                      | $\vdash$     |              | ⊢  |          | _        |          |   | Ŀ        | Н               |
| <u> </u>     | 132                             |              |              |  |          |          | _        |   | _        |                 |
|              | 133                             |              |              | <u> </u>   | _        |          | _        | L   | <u> </u> | Н               |
|              | 134<br>135                      | $\vdash$     | _            | <u> </u>   |          | ┝        |          | <u> </u>  | ┡        | $\vdash$        |
|              | 135                             | _            | -            |  | -        | _        |          | ├   | <u> </u> | Н               |
| <u> </u>     | 136                             |              |              |  |          |          | <u> </u> | <u> </u>  | <u> </u> | Н               |
|              | 137<br>138<br>139               | $\vdash$     |              | $\vdash$   | <u> </u> | _        |          | ⊢   | <u> </u> | Н               |
| <u> </u>     | 138                             | Н            |              | ⊢  | -        | -        | -        | -   | <u> </u> | Н               |
| <u> </u>     | 140                             |              |              | ⊢  | -        | ⊢        | ┞        | -   | -        | Н               |
| ├            | 141                             | $\vdash$     | -            | ├-   | $\vdash$ | $\vdash$ | -        | -   | $\vdash$ | H               |
| $\vdash$     | 141                             | $\vdash$     | $\vdash$     | ├  | $\vdash$ | -        | $\vdash$ | $\vdash$  | ├-       | Н               |
| <del> </del> | 143                             | -            | _            | ├  | $\vdash$ | ├        | $\vdash$ | $\vdash$  | $\vdash$ | Н               |
| <del> </del> | 144                             | $\vdash$     | $\vdash$     |  | ┢        | ┝        | ├-       | -   | $\vdash$ | ┝╌┥             |
| <del> </del> | 145                             |              | <u> </u>     | $\vdash$   | $\vdash$ | ⊢        | $\vdash$ | $\vdash$  | $\vdash$ | Н               |
| <del> </del> | 146                             | H            | <u> </u>     | ├  | $\vdash$ | ├        | ├        | ├   | -        | $\vdash \vdash$ |
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| ├—           | 148                             | <u> </u>     |              | ├-   | ├        |          | ├-       | -   | ├        | Н               |
| <u> </u>     | 148                             | -            | -            | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$ | ⊢   |          | Н               |
| ├            | 150                             |              | ⊢            | $\vdash$   | ├        | $\vdash$ | -        | <del> </del> —  | ⊢        | Н               |
| L            | 150                             | <u> </u>     |              |  |          |          | L_       | L   | L        | L l             |